

INTEGRATED CROSSPOINT SWITCH WITH BAND TRANSLATION

Abstract of the Disclosure

Multiple input signal sources in predetermined frequency bands are each applied to block frequency converters. Each block frequency converter frequency converts an input signal to one of a plurality of predetermined frequency bands. A crosspoint switch is configured to route the frequency converted input signals at one of the plurality of predetermined frequency bands to any one of a plurality of available band translation devices. Each of the band translation devices is configured to frequency convert the signal from a first predetermined frequency band to a second predetermined frequency band. Output signals from one or more band translation devices can be combined into a composite signal.

PATENT

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